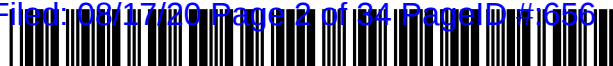


EXHIBIT 2
FILED UNDER SEAL



US00D737723S

(12) **United States Design Patent**
Ying et al.

(10) **Patent No.:** **US D737,723 S**

(45) **Date of Patent:** **** Sep. 1, 2015**

(54) **SELF-BALANCING VEHICLE**

(56) **References Cited**

(71) Applicant: **Hangzhou Chic Intelligent Technology Co., Ltd.**, Hangzhou, Zhejiang Province (CN)

U.S. PATENT DOCUMENTS

(72) Inventors: **Jiawei Ying**, Hangzhou (CN); **Shaojun Cao**, Hangzhou (CN)

D647,991	S	*	11/2011	Sramek	.....	D21/765
8,469,376	B2	*	6/2013	Kristiansen	.....	280/87.042
2007/0273118	A1	*	11/2007	Conrad	.....	280/87.042
2011/0006497	A1	*	1/2011	Chen et al.	.....	280/87.042
2012/0007331	A1	*	1/2012	Hsieh	.....	280/221
2012/0187648	A1	*	7/2012	Chen	.....	280/87.042

(73) Assignee: **HANGZHOU CHIC INTELLIGENT TECHNOLOGY CO., LTD.**, Hangzhou, Zhejiang Province (CN)

* cited by examiner

(**) Term: **14 Years**

Primary Examiner — T. Chase Nelson

Assistant Examiner — Ania Aman

(21) Appl. No.: **29/511,915**

(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

(22) Filed: **Dec. 15, 2014**

(57) **CLAIM**

The ornamental design for a self-balancing vehicle, as shown and described.

(30) **Foreign Application Priority Data**

DESCRIPTION

Jun. 13, 2014 (CN) 2014 3 0180556

(51) **LOC (10) Cl.** **12-14**

(52) **U.S. Cl.**

USPC **D12/1; D21/765**

(58) **Field of Classification Search**

USPC D12/1, 163; D21/419, 421, 423, 426, D21/760, 765, 766, 769, 771, 776, 803; 280/87.042, 87.021, 87.041, 5.23, 280/5.39, 205, 209, 229, 266, 282, 851; 180/181, 5.26, 6.5, 7.1, 8.2, 65.8, 907, 180/218, 65, 13; 475/750

CPC .. A63C 17/0033; A63C 17/01; A63C 17/016; A63C 2203/40; A63C 17/012; A63C 17/12; B62K 2202/00

See application file for complete search history.

FIG. 1 is a top plan view of a self-balancing vehicle showing our new design;

FIG. 2 is a bottom plan view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a front elevational view thereof;

FIG. 5 is a left side view thereof, the right side view being a mirror image thereof;

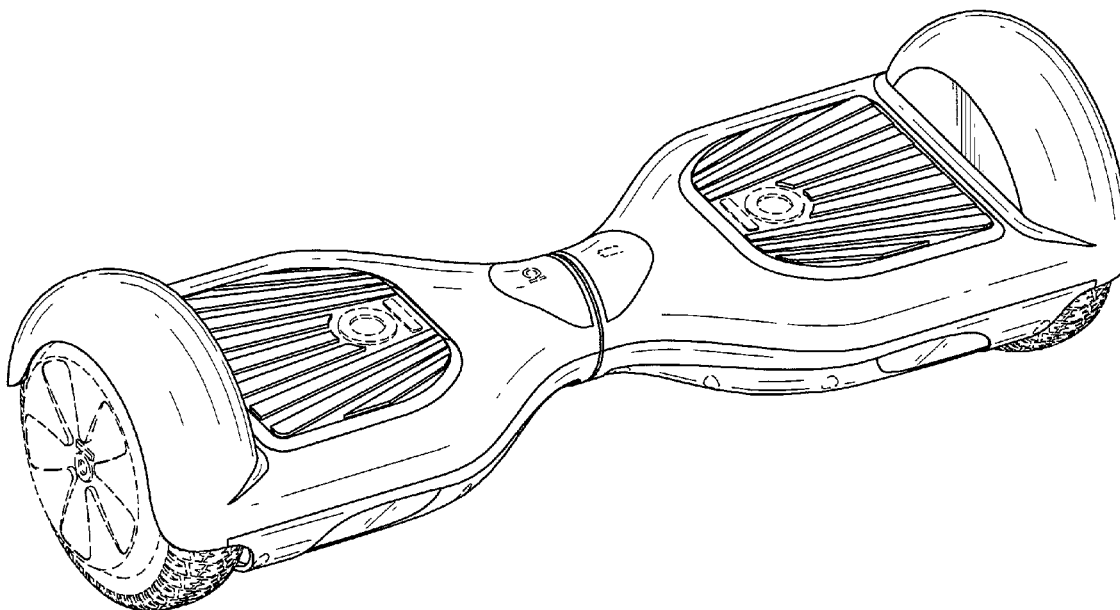
FIG. 6 is a rear, top, right perspective view thereof;

FIG. 7 is a front, top, left perspective view thereof; and,

FIG. 8 is a rear, bottom, left perspective view thereof.

The broken line showing is for the purpose of illustrating portions of the self-balancing vehicle and environment structure which form no part of the claimed design.

1 Claim, 8 Drawing Sheets



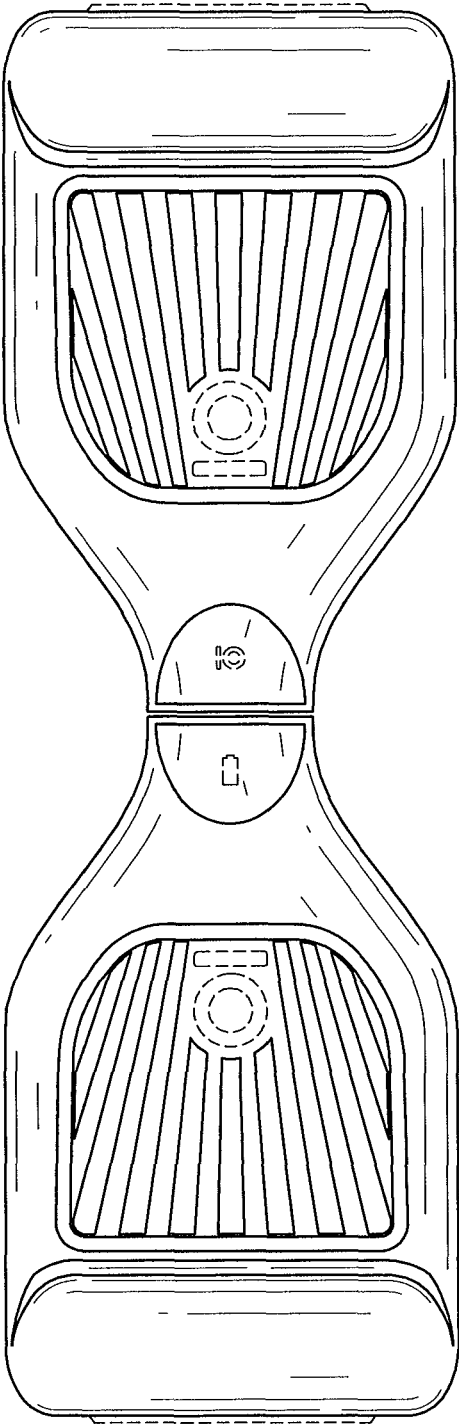


FIG.1

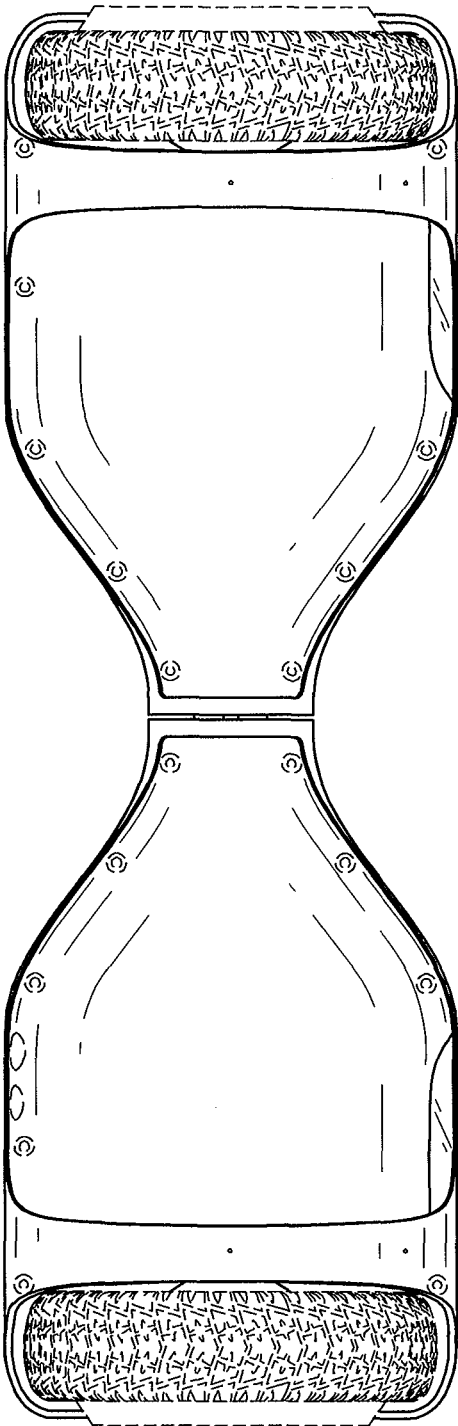


FIG.2

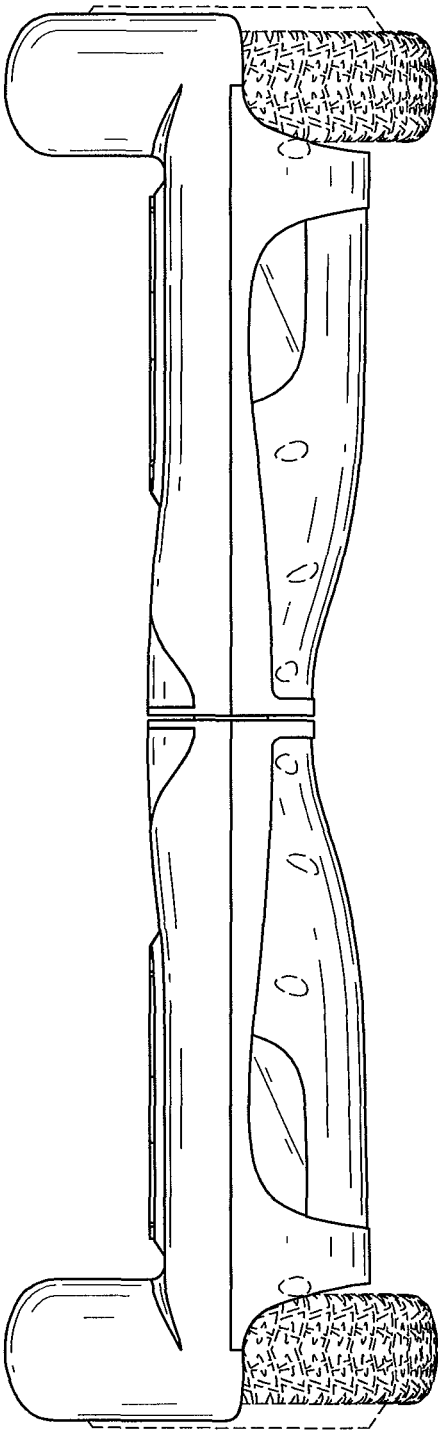


FIG.3

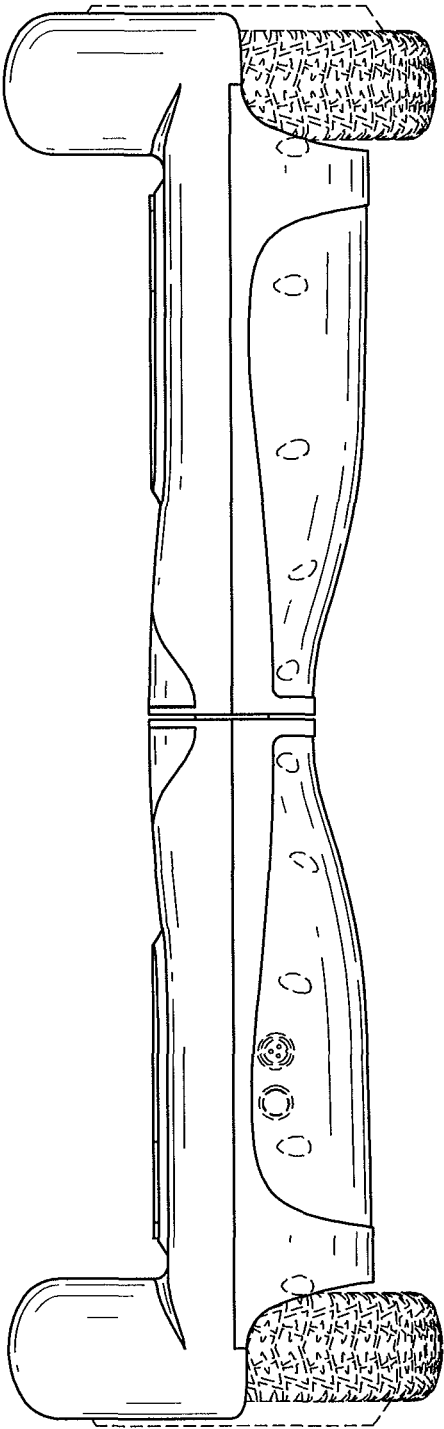


FIG.4

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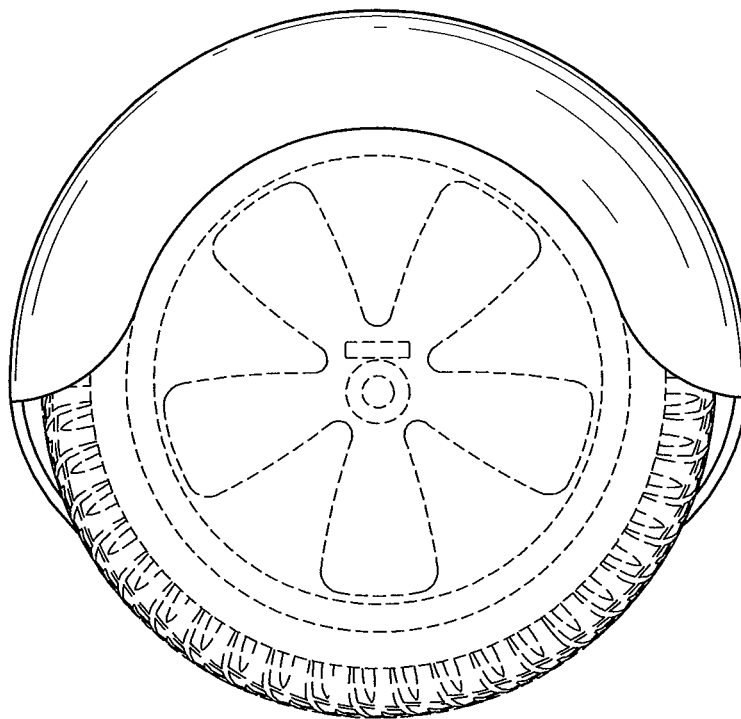


FIG.5

U.S. Patent

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US D737,723 S

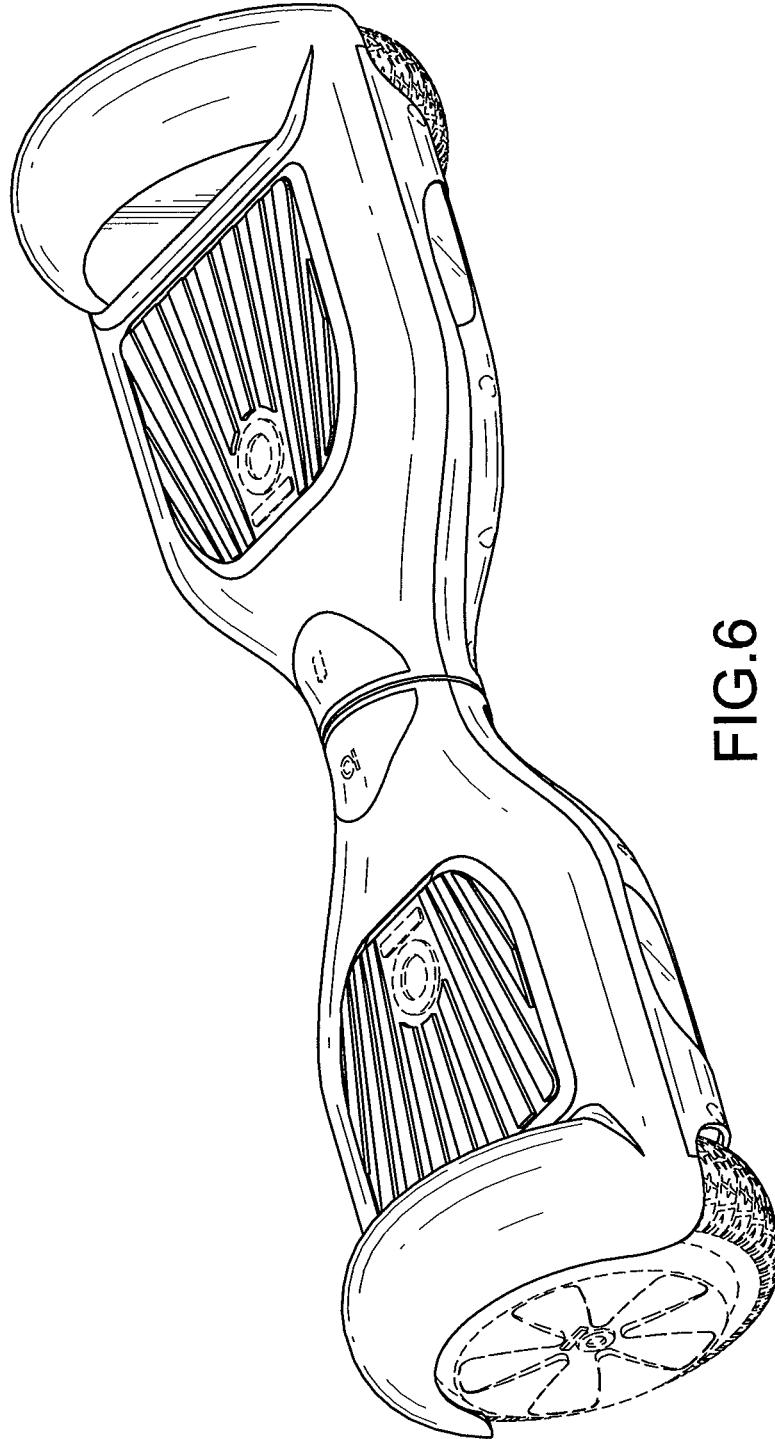


FIG. 6

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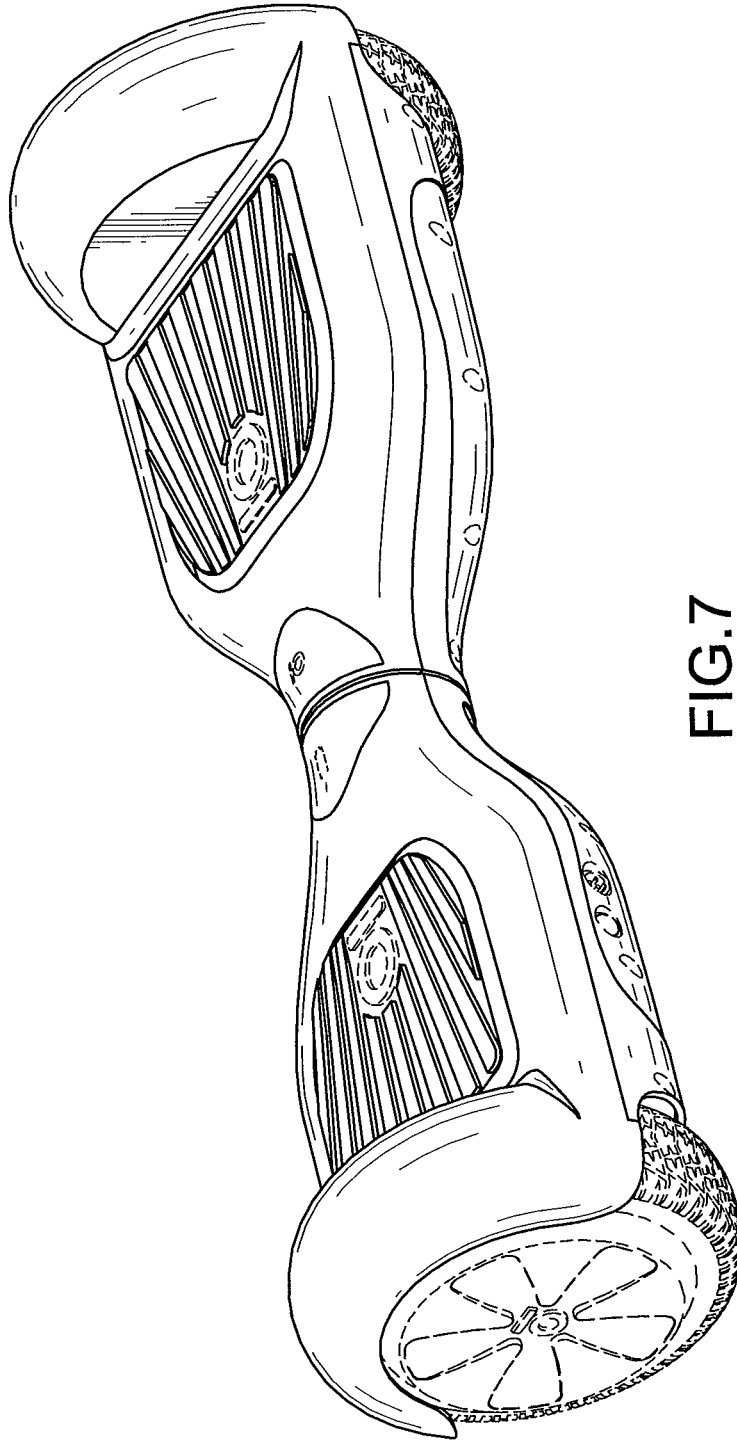


FIG. 7

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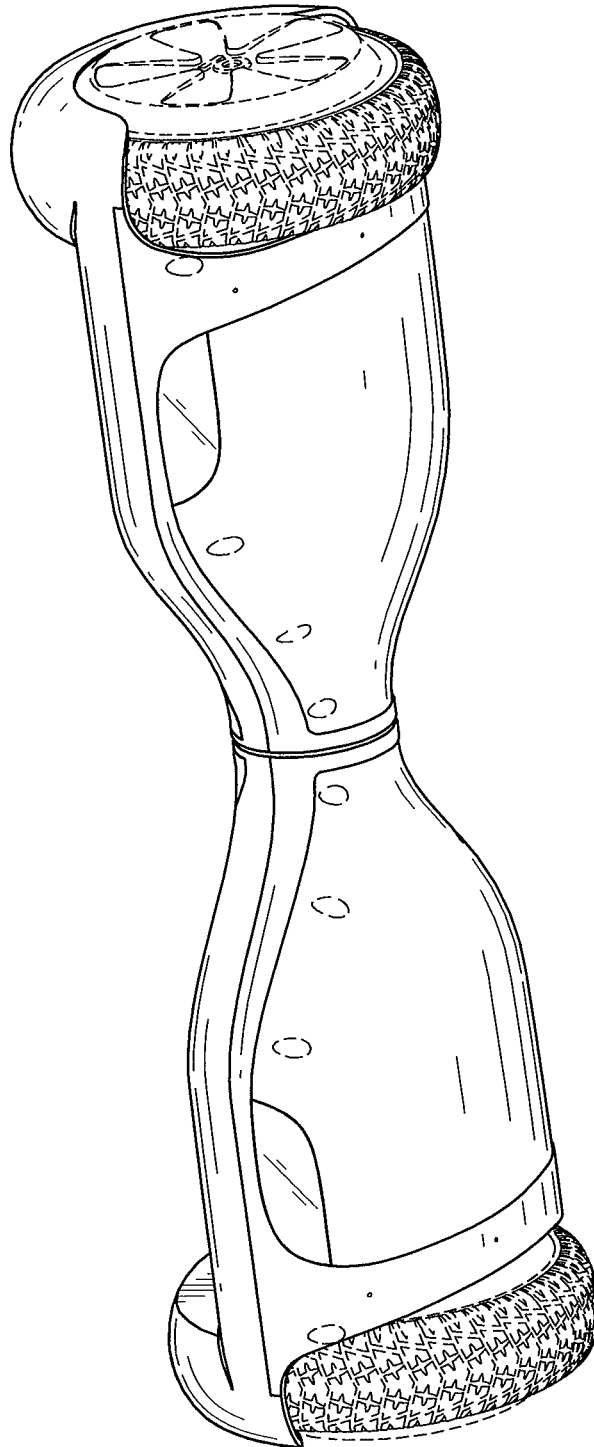


FIG. 8



US00D738256S

(12) **United States Design Patent**
Ying et al.

(10) **Patent No.:** **US D738,256 S**
 (45) **Date of Patent:** **** Sep. 8, 2015**

(54) **SELF-BALANCING VEHICLE**

(56) **References Cited**

(71) Applicant: **Hangzhou Chic Intelligent Technology Co., Ltd.**, Hangzhou, Zhejiang Province (CN)

U.S. PATENT DOCUMENTS

(72) Inventors: **Jiawei Ying**, Hangzhou (CN); **Shaojun Cao**, Hangzhou (CN)

D647,991	S	*	11/2011	Sramek	D21/765
8,469,376	B2	*	6/2013	Kristiansen	280/87.042
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2012/0187648	A1	*	7/2012	Chen	280/87.042

(73) Assignee: **HANGZHOU CHIC INTELLIGENT TECHNOLOGY CO., LTD.**, Hangzhou, Zhejiang Province (CN)

* cited by examiner

Primary Examiner — T. Chase Nelson

Assistant Examiner — Ania Aman

(**) Term: **14 Years**

(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

(21) Appl. No.: **29/511,924**

(57) **CLAIM**

The ornamental design for a self-balancing vehicle, as shown and described.

(22) Filed: **Dec. 15, 2014**

DESCRIPTION

(51) **LOC (10) Cl.** **12-14**

(52) **U.S. Cl.**

USPC **D12/1; D21/765**

(58) **Field of Classification Search**

USPC D12/1, 163; D21/419, 421, 423, 426,
 D21/760, 765, 766, 769, 771, 776, 803;
 280/87.042, 87.021, 87.041, 5.23,
 280/5.39, 205, 209, 229, 266, 282, 851;
 180/181, 5.26, 6.5, 7.1, 8.2, 65.8, 907,
 180/218, 65, 13; 475/750
 CPC .. A63C 17/0033; A63C 17/01; A63C 17/016;
 A63C 2203/40; A63C 17/012; A63C 17/12;
 B62K 2202/00

FIG. 1 is a top plan view of a self-balancing vehicle showing our new design;

FIG. 2 is a bottom plan view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a left side view thereof, the right side view being a mirror image thereof;

FIG. 6 is a front, top, right perspective view thereof;

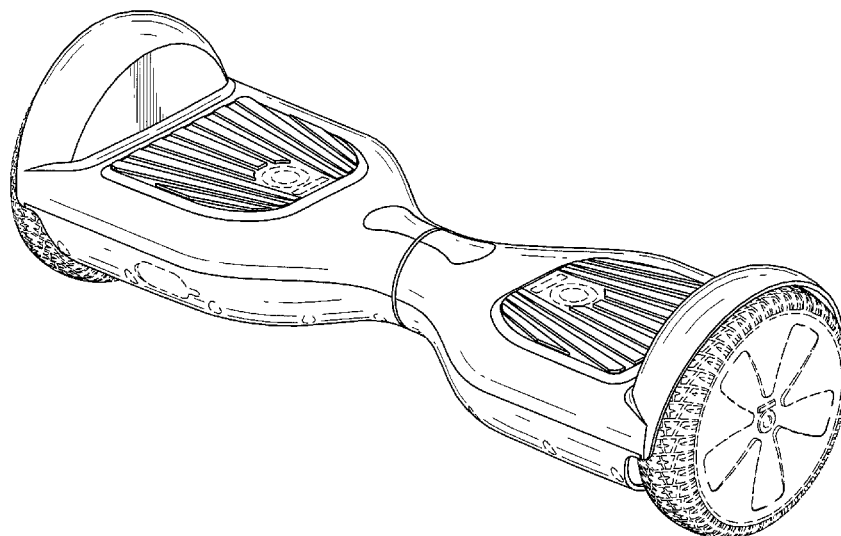
FIG. 7 is a rear, top, left perspective view thereof; and,

FIG. 8 is a rear, bottom, right perspective view thereof.

The broken line showing is for the purpose of illustrating portions of the self-balancing vehicle and environment structure which form no part of the claimed design.

See application file for complete search history.

1 Claim, 8 Drawing Sheets



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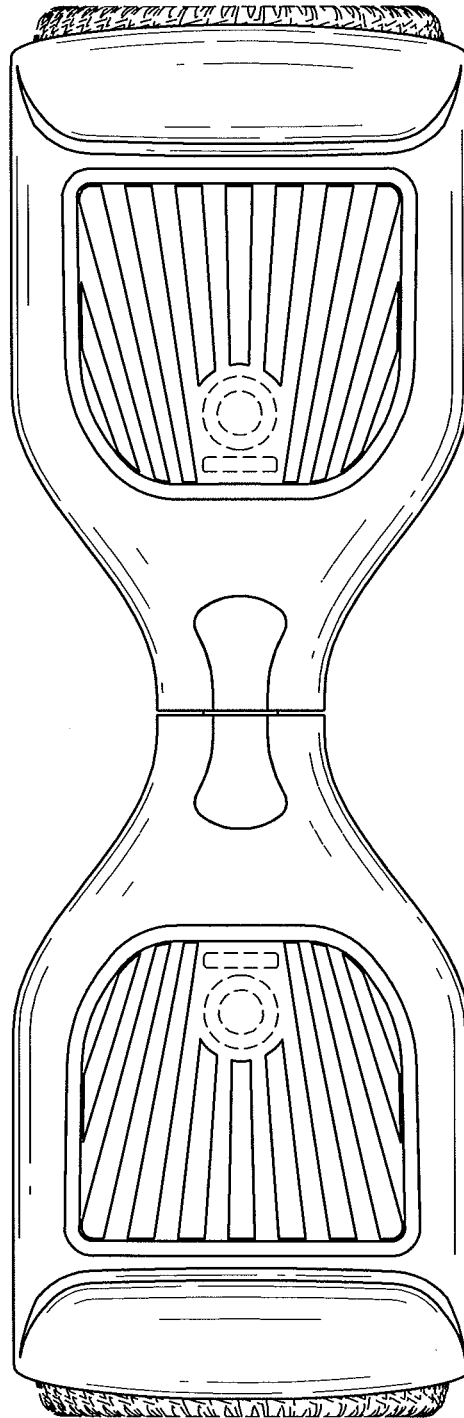


FIG.1

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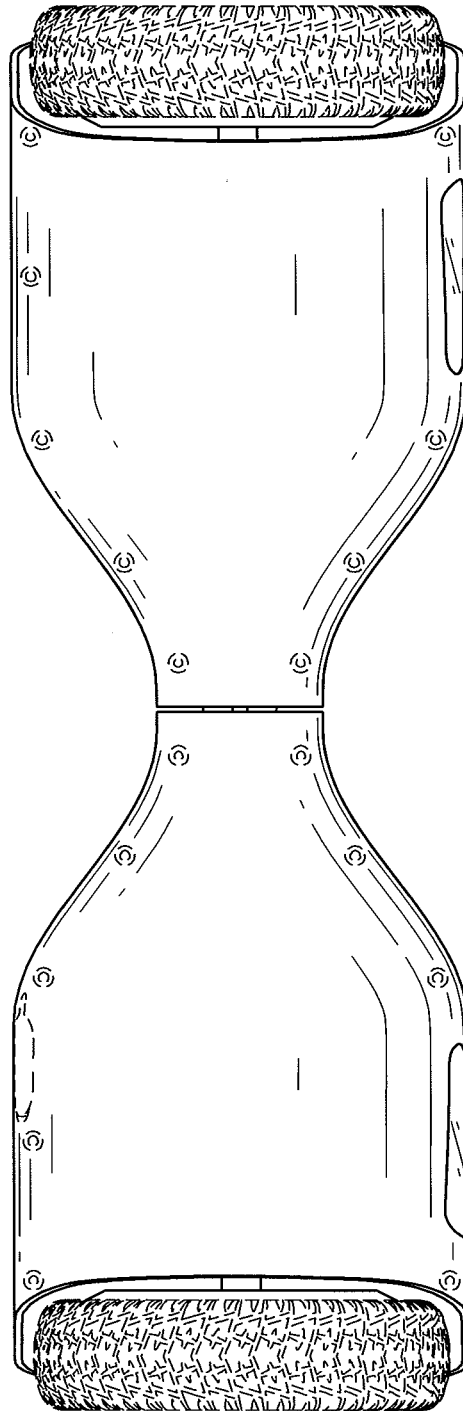


FIG.2

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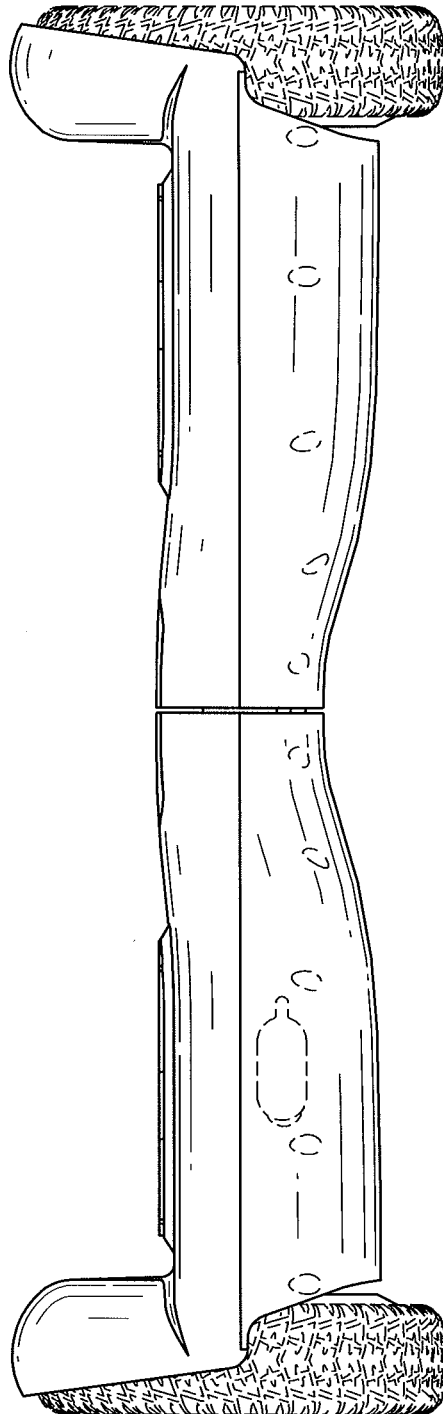


FIG.3

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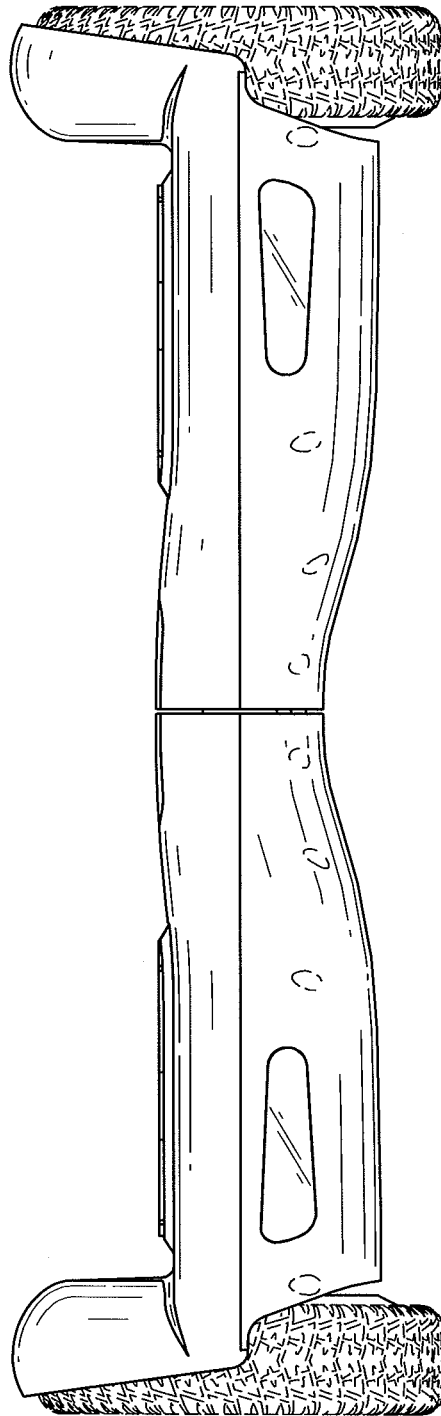


FIG.4

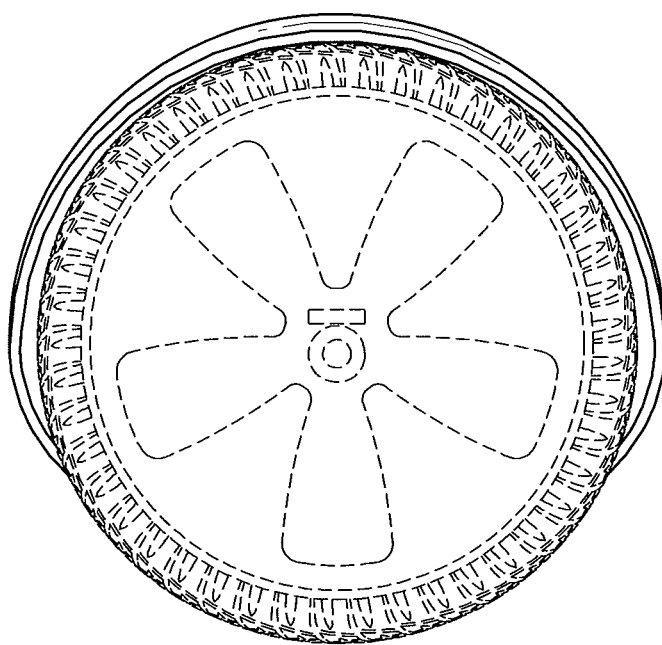


FIG.5

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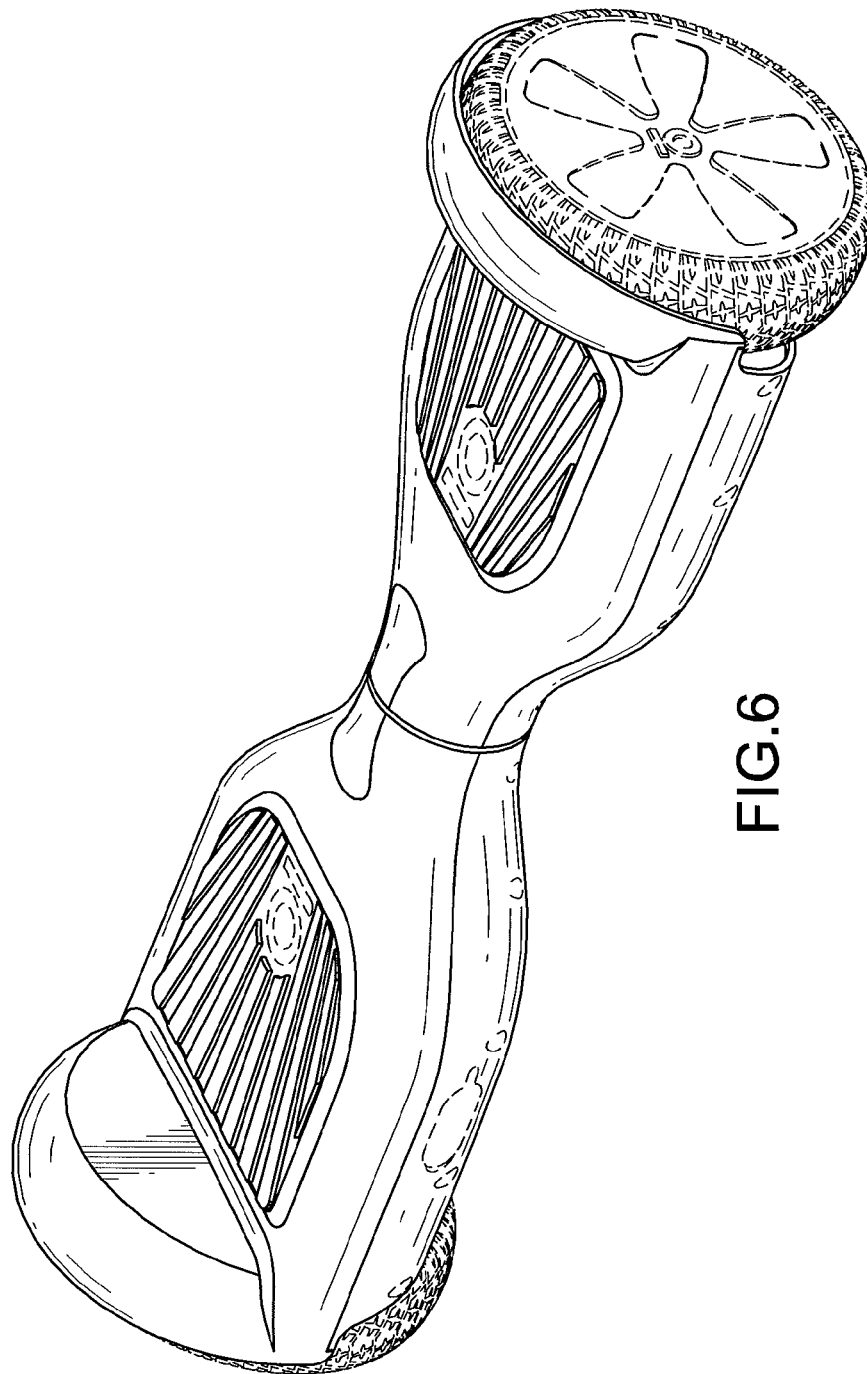


FIG.6

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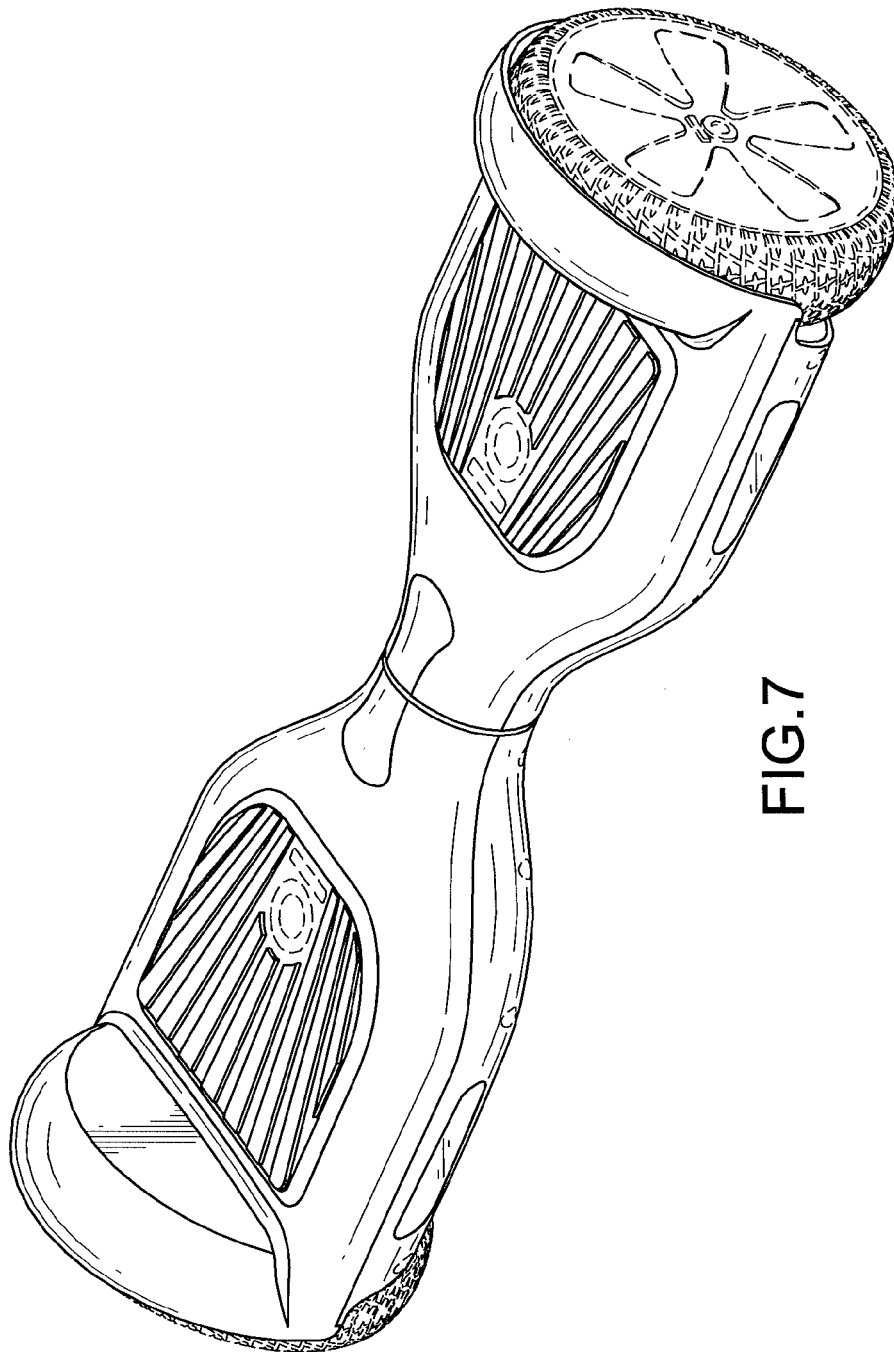


FIG. 7

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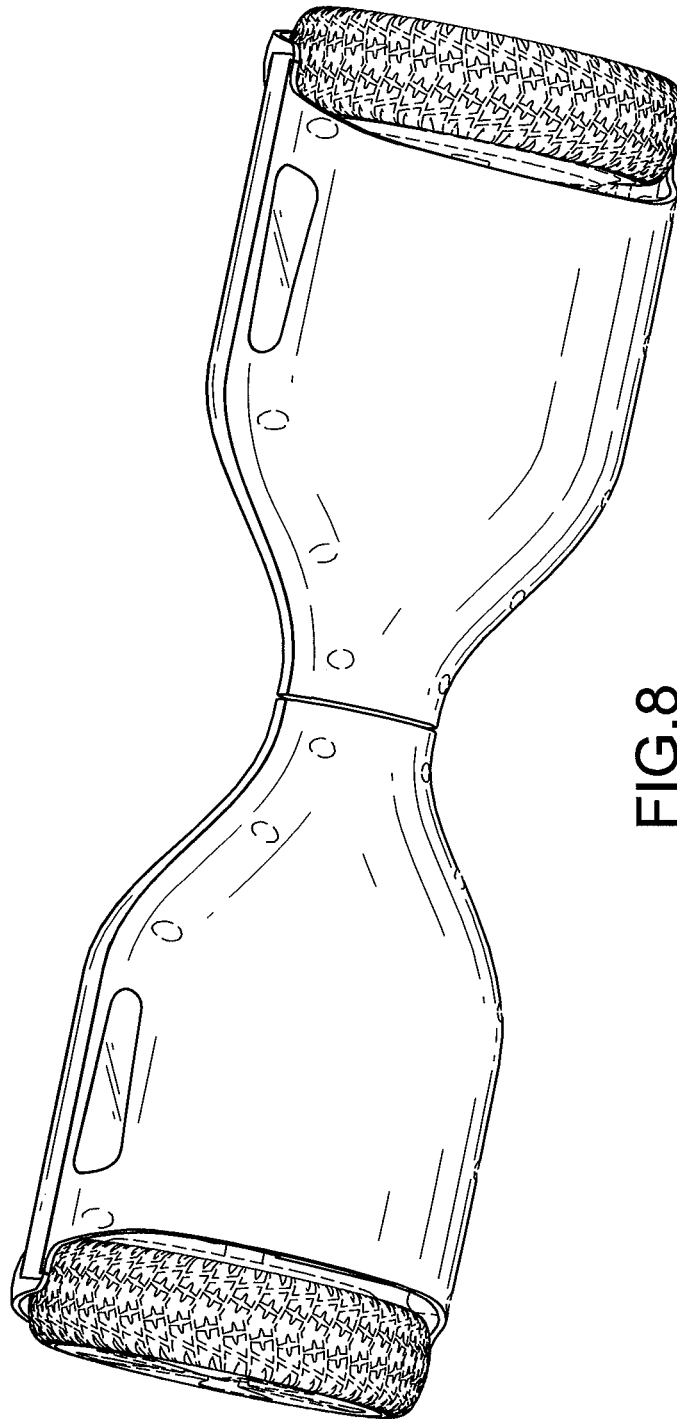


FIG.8



US00D784195S

(12) **United States Design Patent**
Ying

(10) **Patent No.:** **US D784,195 S**

(45) **Date of Patent:** **** Apr. 18, 2017**

(54) **HUMAN MACHINE INTERACTION
VEHICLE**

(71) Applicant: **Hangzhou Chic Intelligent Technology Co., Ltd.**, Yuhang Dist., Hangzhou, Zhejiang (CN)

(72) Inventor: **Jiawei Ying**, Hangzhou (CN)

(73) Assignee: **Hangzhou Chic Intelligent Technology Co., Ltd.**, Hangzhou, Zhejiang Province (CN)

(**) Term: **15 Years**

(21) Appl. No.: **29/556,275**

(22) Filed: **Feb. 29, 2016**

(30) **Foreign Application Priority Data**

Oct. 9, 2015 (CN) 2015 3 0389352

(51) **LOC (10) Cl.** **12-14**

(52) **U.S. Cl.**
USPC **D12/1**

(58) **Field of Classification Search**

USPC D12/1, 5; D21/419, 421, 423, 426, 662,
D21/760, 765, 766, 769, 771, 776, 803;
701/124; 280/87.042, 87.021, 87.041,
280/5.23, 5.39, 205, 209, 229, 266, 282,
280/851; 180/181, 5.26, 6.5, 7.1, 8.2,
180/65.8, 907, 218, 65, 13
CPC B62K 3/007; B62K 17/00; B62K 2202/00;
B62D 51/001; B62D 51/02; B62D 61/00;
A63C 17/0033; A63C 17/01; A63C
17/016; A63C 2203/40; A63C 17/12

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,738,278 B2 * 5/2014 Chen B62K 11/007
180/218
D737,723 S 9/2015 Ying et al.

D738,256 S 9/2015 Ying et al.
D739,906 S * 9/2015 Chen D21/760
9,376,155 B2 * 6/2016 Ying B62K 3/007
9,403,573 B1 * 8/2016 Mazzei B62D 51/02
2002/0008361 A1 * 1/2002 Smith A63C 5/031
280/14.21
2005/0242538 A1 * 11/2005 Hiramatsu A63C 17/004
280/92
2013/0238231 A1 * 9/2013 Chen B62K 11/007
701/124

(Continued)

FOREIGN PATENT DOCUMENTS

CN 302534790 S 8/2013

Primary Examiner — T. Chase Nelson

Assistant Examiner — Ania Aman

(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

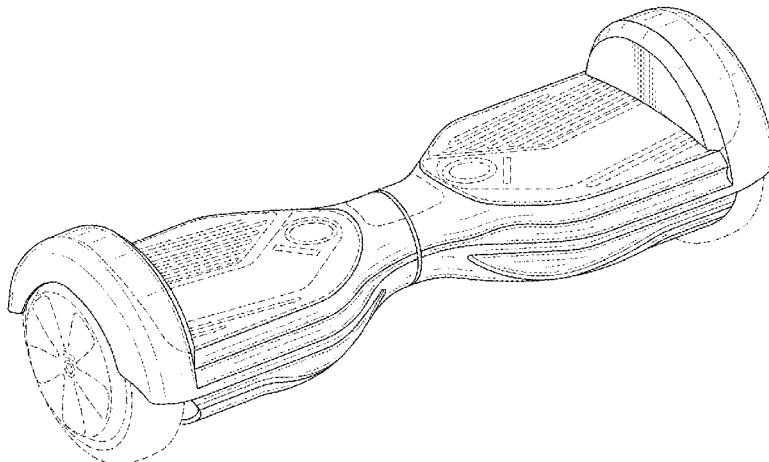
(57) **CLAIM**

The ornamental design for a human-machine interaction vehicle, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of a human-machine interaction vehicle showing my new design;
FIG. 2 is a bottom plan view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a right side view thereof, the left side view being a mirror image thereof; and,
FIG. 6 is a top, rear, right perspective view thereof.
The broken lines are for the purpose of illustrating portions of the human-machine interaction vehicle and environmental structure which form no part of the claimed design.

1 Claim, 6 Drawing Sheets



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(56)

References Cited

U.S. PATENT DOCUMENTS

2016/0129963 A1* 5/2016 Ying B62K 3/007
180/6.5
2016/0325803 A1* 11/2016 Waxman B62M 7/12

* cited by examiner

U.S. Patent

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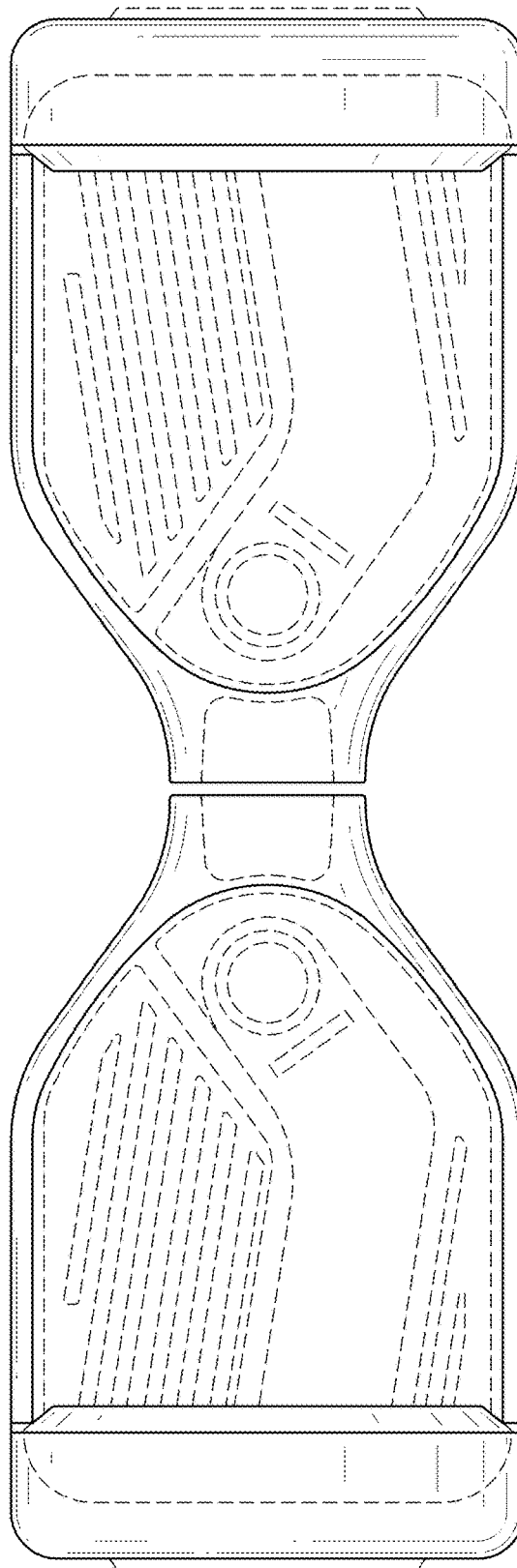


FIG.1

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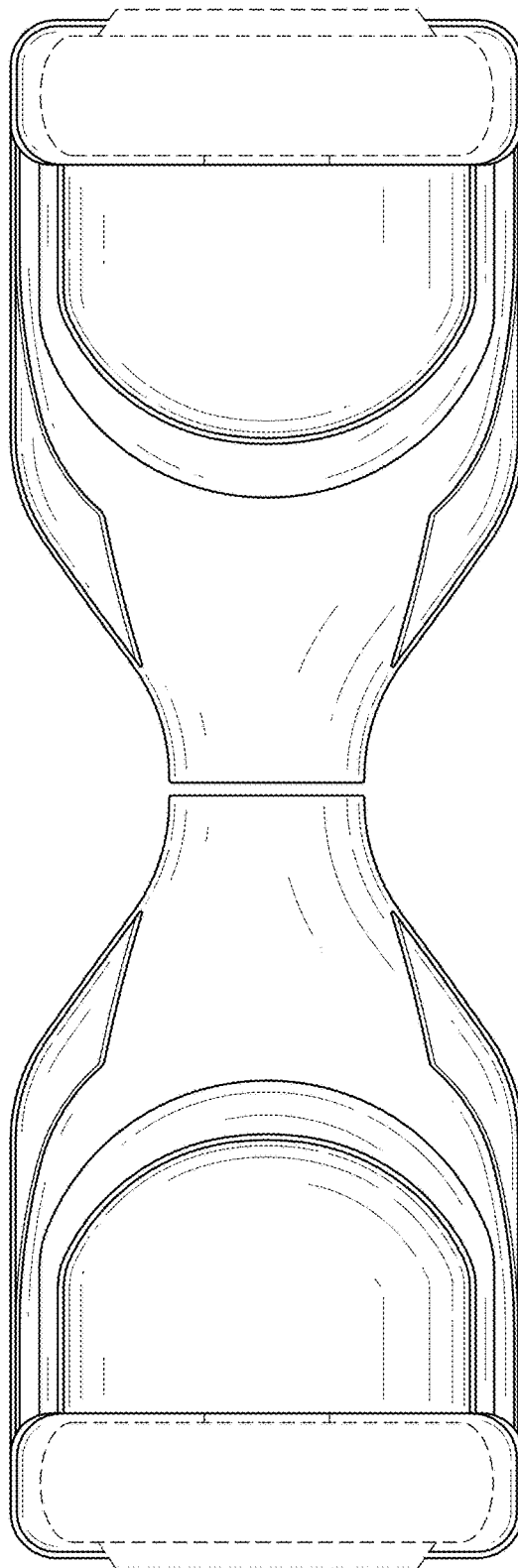


FIG.2

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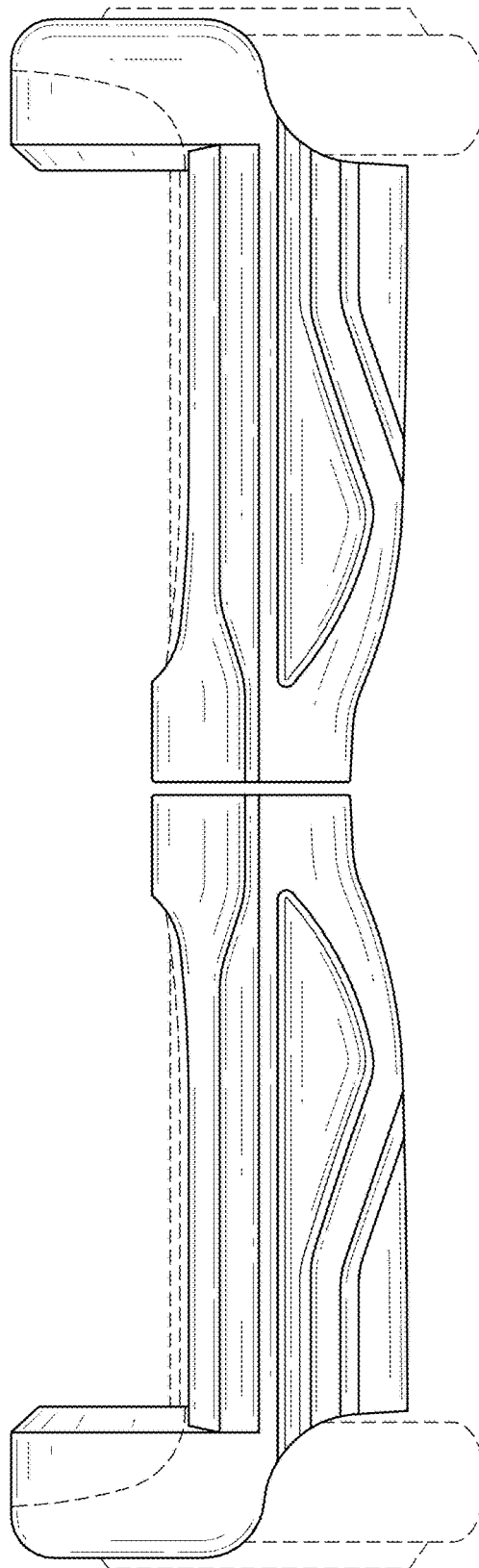


FIG.3

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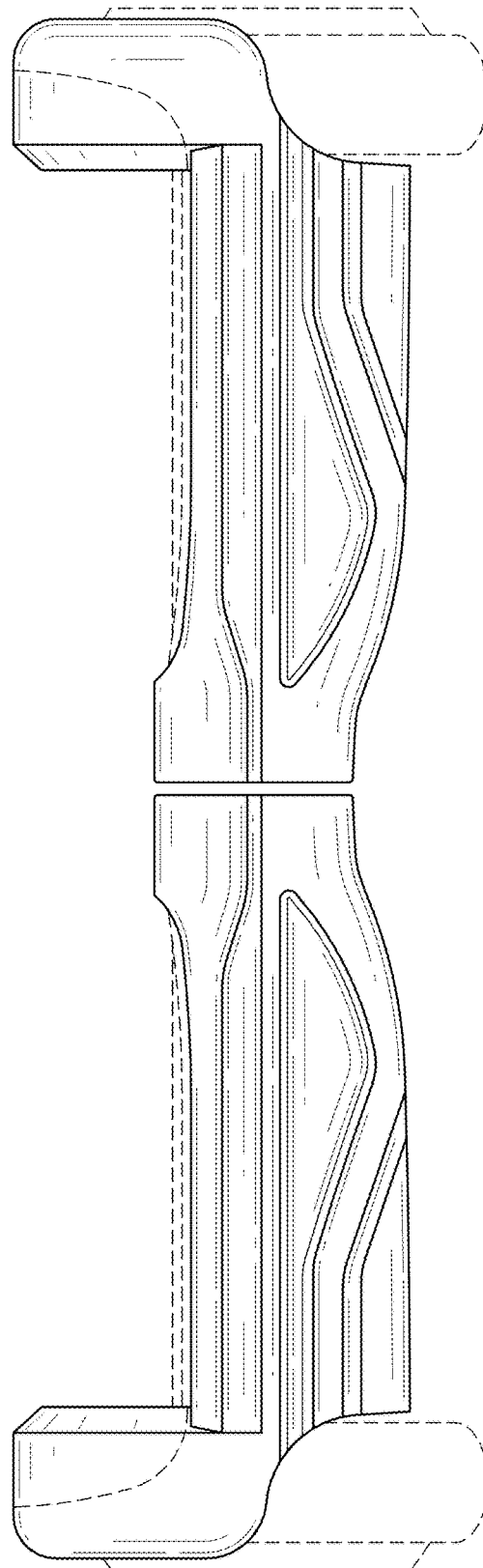


FIG.4

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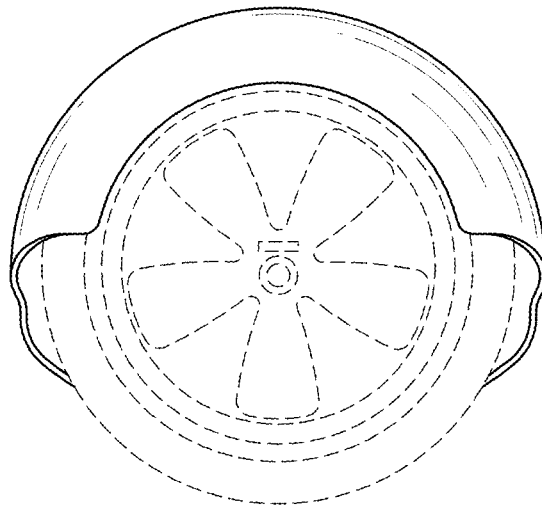


FIG.5

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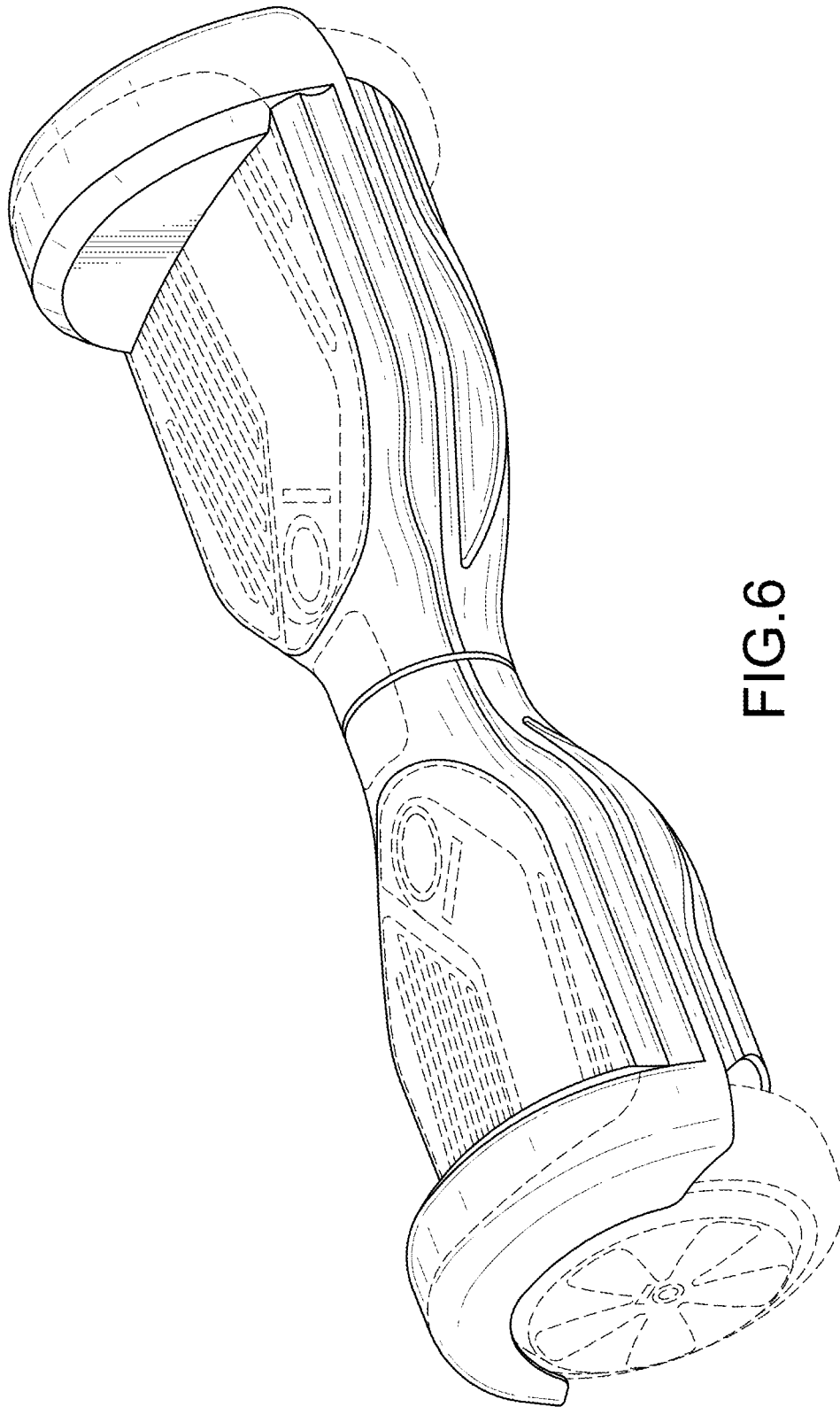


FIG.6



US00D785112S

(12) **United States Design Patent**
Ying

(10) **Patent No.:** **US D785,112 S**

(45) **Date of Patent:** **** Apr. 25, 2017**

(54) **HUMAN-MACHINE INTERACTION
VEHICLE**

(71) Applicant: **Hangzhou Chic Intelligent Technology Co., Ltd**, Yuhang Dist, Hangzhou, Zhejiang (CN)

(72) Inventor: **Jiawei Ying**, Hangzhou (CN)

(73) Assignee: **Hangzhou Chic Intelligent Technology Co., Ltd.**, Hangzhou, Zhejiang Province (CN)

(**) Term: **15 Years**

(21) Appl. No.: **29/556,300**

(22) Filed: **Feb. 29, 2016**

(30) **Foreign Application Priority Data**

Nov. 26, 2015 (CN) 2015 3 0481979

(51) **LOC (10) Cl.** **21-02**

(52) **U.S. Cl.** **D21/760**

(58) **Field of Classification Search**

USPC D21/419, 421, 423, 426, 760, 765, 766,
D21/769, 771, 776, 803; D12/1
CPC A63C 17/01; A63C 17/12; A63C 2203/00;
A63C 2203/011; A63C 2203/012; A63C
2203/013; A63C 2203/40; A63C 2203/52;
B62D 51/02; B62K 2202/00; B62K
2207/00; B62K 2207/02; B62K 2207/04
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D535,714 S * 1/2007 Cheng D21/763
7,481,291 B2 * 1/2009 Nishikawa B62K 17/00
180/181
D601,922 S * 10/2009 Imai D12/1

8,738,278 B2 * 5/2014 Chen B62K 3/007
180/218
D737,723 S * 9/2015 Ying D12/1
D738,256 S * 9/2015 Ying D12/1
D739,906 S * 9/2015 Chen D21/760
9,376,155 B2 * 6/2016 Ying B62K 3/007
9,403,573 B1 * 8/2016 Mazzei B62D 51/02
9,499,228 B2 * 11/2016 Chang B62K 3/002
2007/0131461 A1 * 6/2007 Treadwell B62B 5/005
180/19.1
2013/0238231 A1 * 9/2013 Chen B62K 11/007
701/124
2015/0096820 A1 * 4/2015 Strack G11C 7/1072
180/181

FOREIGN PATENT DOCUMENTS

CN 302534790 S 8/2013

* cited by examiner

Primary Examiner — Cynthia M Chin

(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

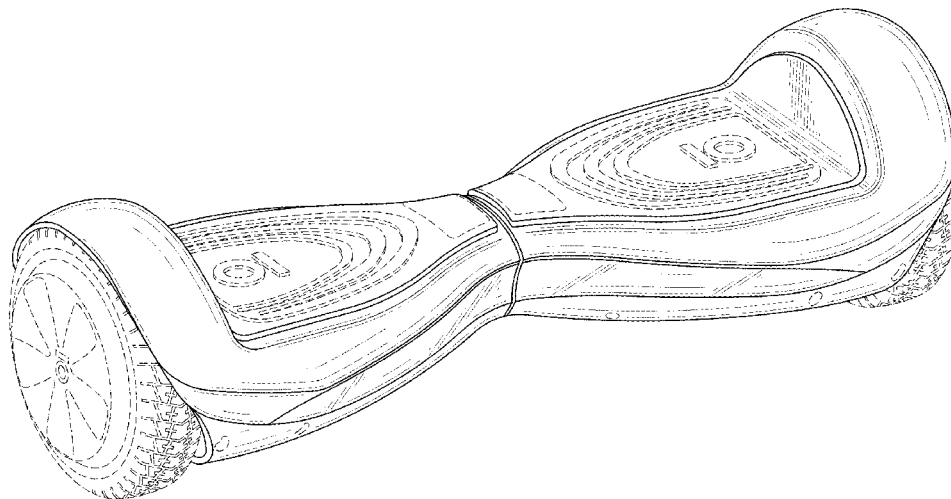
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1 Claim, 6 Drawing Sheets



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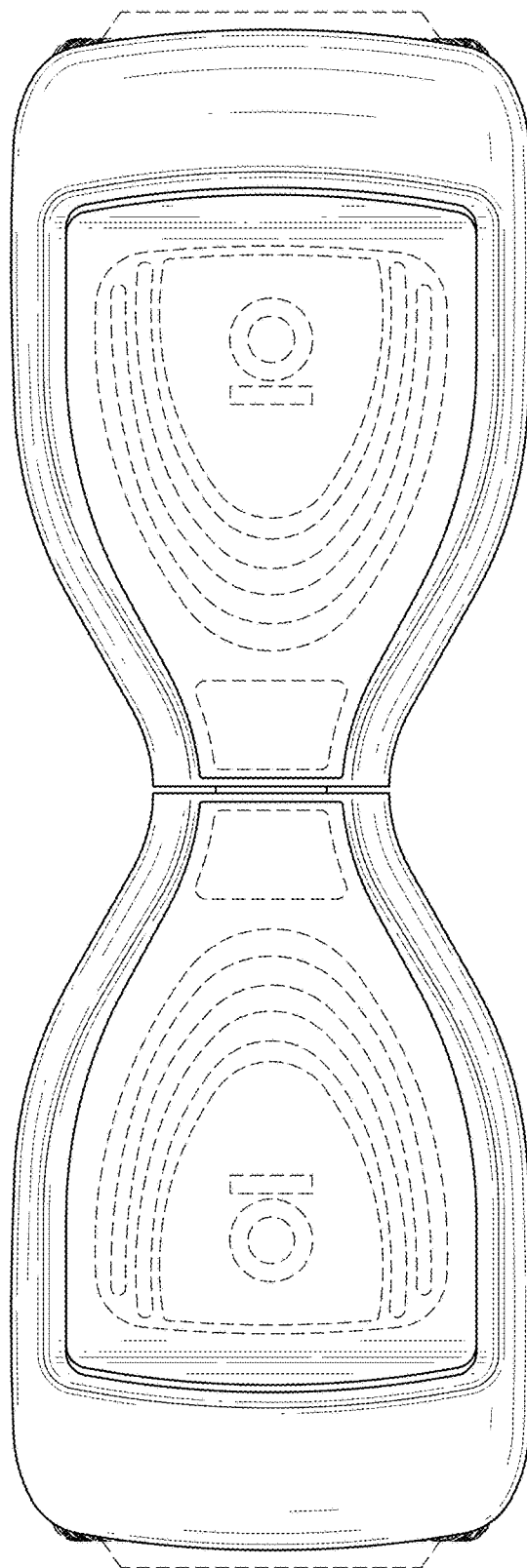


FIG.1

U.S. Patent

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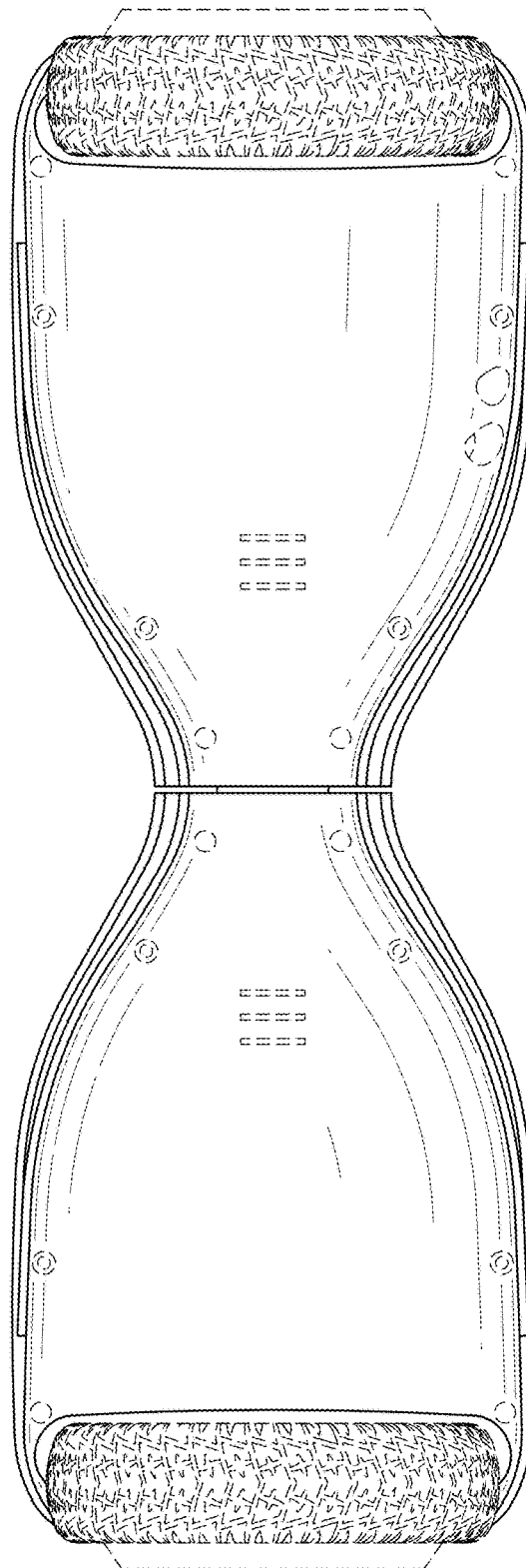


FIG.2

U.S. Patent

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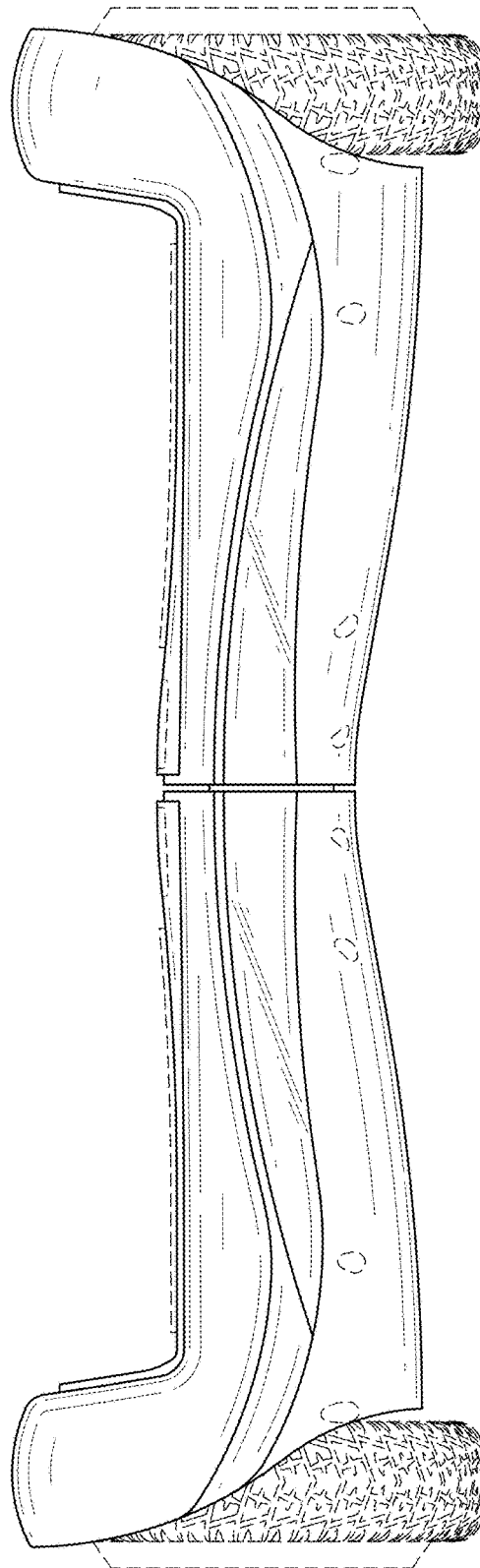


FIG.3

U.S. Patent

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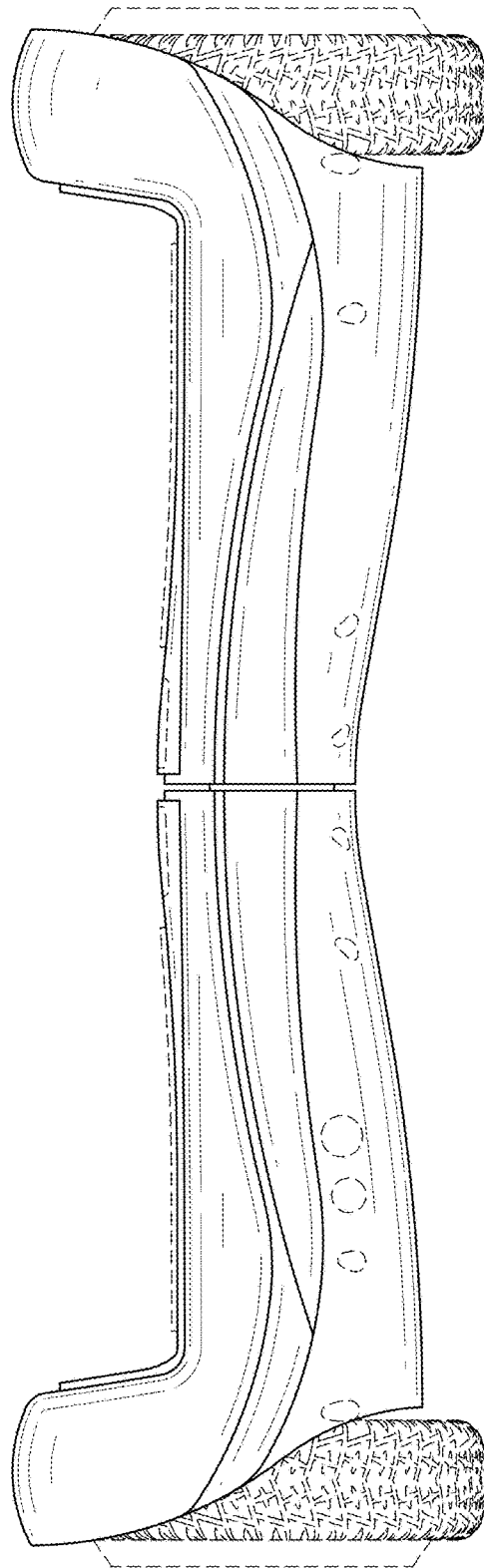


FIG.4

U.S. Patent

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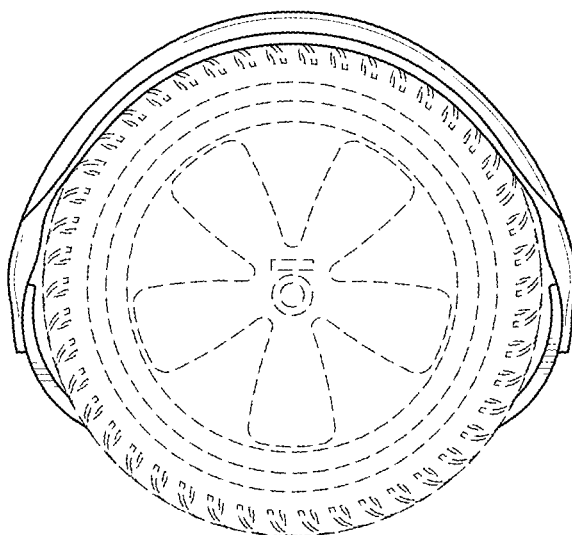


FIG.5

U.S. Patent

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US D785,112 S

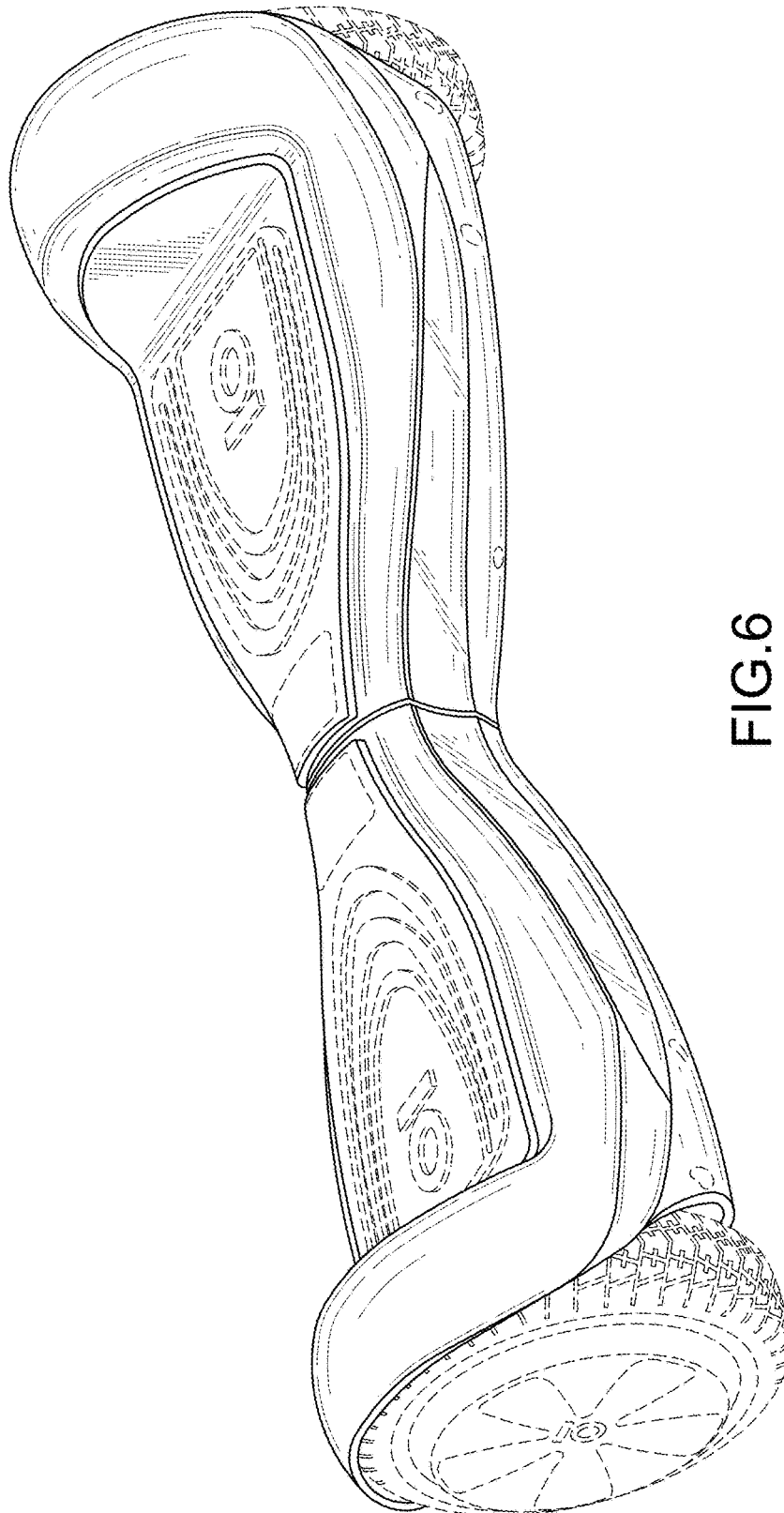


FIG. 6